

1. (Amended) A method for reducing the amount of ammonia compounds affixed to fly ash, the method comprising:

providing an amount of fly ash, at least a portion of the amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; exposing the amount of fly ash to flowing air having a temperature of at least 1,500°F; and recovering heat from the flowing air after the fly ash has been exposed to the flowing air.

$$F = \frac{9}{5}(C + 32)$$

2. (Amended) The method of claim 1 wherein:
the fly ash is maintained in the flowing air until the fly ash reaches a temperature of at least 900°F.

3. (Amended) The method of claim 1 further comprising:
measuring an in process ash temperature of the fly ash when the fly ash is exposed to the flowing air;
removing at least a portion of the fly ash being exposed to the flowing air when the measured in process ash temperature reaches at least 900°F;
thereafter providing a second amount of fly ash, at least a portion of the second amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; and

thereafter exposing the second amount of fly ash to flowing air having a temperature of at least 1,500°F.

A1
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4. (Amended) The method of claim 1 further comprising:

preheating the fly ash to a temperature of at least 300°F before exposing the fly ash to the flowing air.

A2
5 ~~6~~. (Amended) The method of claim 1 further comprising:

using the heat recovered from the flowing air to preheat a second amount of fly ash, at least a portion of the second amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; and

thereafter exposing the second amount of fly ash to flowing air having a temperature of at least 1,500°F.

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7 ~~6~~. (Amended) The method of claim ⁵~~6~~ wherein:

the second amount of fly ash is preheated to a temperature of at least 300°F.

7 ~~8~~. (Amended) The method of claim 1 further comprising:

removing particulate material from the flowing air after heat has been recovered from the flowing air.

8 ~~9~~. (Amended) The method of claim ⁷~~8~~ further comprising:

A2
Cont maintaining the flowing air above 400°F when particulate material is removed from the flowing air.

A3
10 ~~11~~. (Amended) The method of claim ~~10~~ further comprising:
using the heat recovered from the particulate material to preheat a second amount of fly ash, at least a portion of the second amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; and
thereafter exposing the second amount of fly ash to flowing air having a temperature of at least 1,500°F.

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11 ~~12~~. (Amended) The method of claim ~~11~~ wherein:
the second amount of fly ash is preheated to a temperature of at least 300°F.

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13 ~~14~~. (Amended) The method of claim ~~13~~ further comprising:
using the heat recovered from the fly ash to preheat a second amount of fly ash, at least a portion of the second amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; and
thereafter exposing the second amount of fly ash to flowing air having a temperature of at least 1,500°F.

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14 ~~15~~. (Amended) The method of claim ~~14~~ wherein:
the second amount of fly ash is preheated to a temperature of at least 300°F.

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17 18. (Amended) The method of claim 16 wherein:
the flowing air is passed through the openings at greater than 0 to about 10 cubic feet per minute.

Please add new claims 36-41 as follows:

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-- 19 36. (New) A method for reducing the amount of ammonia compounds affixed to fly ash, the method comprising:

providing an amount of fly ash, at least a portion of the amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; exposing the amount of fly ash to flowing air having a temperature of at least 1,500°F;

measuring an in process ash temperature of the fly ash when the fly ash is exposed to the flowing air;

removing at least a portion of the fly ash being exposed to the flowing air when the measured in process ash temperature reaches at least 900°F;

thereafter providing a second amount of fly ash, at least a portion of the second amount of fly ash comprising particulates having ammonia compounds affixed to the particulates; and

thereafter exposing the second amount of fly ash to flowing air having a temperature of at least 1,500°F. --

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-- 37. (New) A method for reducing the amount of ammonia compounds affixed to fly ash, the method comprising:

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providing an amount of fly ash, at least a portion of the amount of fly ash
comprising particulates having ammonia compounds affixed to the particulates;
preheating the fly ash to a temperature of at least 300°F; and
thereafter exposing the amount of fly ash to flowing air having a temperature of at
least 1,500°F. --

-- ²¹~~38~~. (New) A method for reducing the amount of ammonia compounds affixed
to fly ash, the method comprising:

providing an amount of fly ash, at least a portion of the amount of fly ash
comprising particulates having ammonia compounds affixed to the particulates;
exposing the amount of fly ash to flowing air having a temperature of at least
1,500°F; and
recovering heat from the fly ash after the fly ash has been exposed to the flowing
air. --

-- ²²~~39~~. (New) The method of claim ²¹~~38~~ further comprising:
using the heat recovered from the fly ash to preheat a second amount of fly ash,
at least a portion of the second amount of fly ash comprising particulates having
ammonia compounds affixed to the particulates; and
thereafter exposing the second amount of fly ash to flowing air having a
temperature of at least 1,500°F. --

-- ²³~~40~~. (New) The method of claim ²²~~39~~ wherein:

the second amount of fly ash is preheated to a temperature of at least 300°F. - -

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-- 41. (New) A method for reducing the amount of ammonia compounds affixed to fly ash, the method comprising:

providing an amount of fly ash, at least a portion of the amount of fly ash comprising particulates having ammonia compounds affixed to the particulates;

exposing the amount of fly ash to flowing air having a temperature of at least 1,500°F;

measuring an in process ash temperature of the fly ash when the fly ash is exposed to the flowing air; and

controlling a flow rate of the flowing air in response to the measured in process ash temperature. - -

REMARKS

Claims 1-20 were rejected under 35 USC §112 because Celsius temperatures were included in parentheses in the claims. Claims 1-20 were also rejected under 35 USC §102(b) as being anticipated by or under 35 USC §103(a) as being obvious over U.S. patent 5,837,052 to Oates *et al.* ("Oates"). In view of the above amendments, and the remarks below, reconsideration is respectfully requested.

Claim Amendments

Claims 21-35 have been cancelled without prejudice. Applicants reserve the right to file a divisional application directed to the subject matter of these claims. Claim 20 has also been cancelled.